Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092319\
Data File : VX012601.D
Acq On : 23 Sep 2019 13:37
Operator : JC/SP
Sample : VX0923WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX0923WBL01

Quant Time: Sep 24 01:49:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	263461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	130943	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.38%			
35) Dibromofluoromethane	5.48	113	95805	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.96%			
50) Toluene-d8	8.71	98	363950	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.58%			
62) 4-Bromofluorobenzene	11.13	95	128887	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.48%			
Target Compounds						Qvalue
5) Bromomethane	1.64	94	670	0.726	ug/l	88
6) Chloroethane	1.71	64	318	0.201	ug/l #	85
10) Methyl Iodide	2.50	142	543	5.184	ug/l	96
11) Tert butyl alcohol	3.03	59	169	0.254	ug/l #	72
13) Acrolein	2.29	56	595	11.773	ug/l #	48
15) Acrylonitrile	3.12	53	548	0.406	ug/l #	89
16) Acetone	2.42	43	444	0.315	ug/l #	87
17) Carbon Disulfide	2.56	76	3544	0.643	ug/l	98
20) Methylene Chloride	2.84	84	1254	0.526	ug/l #	78
21) trans-1,2-Dichloroethene	3.15	96	492	0.226	ug/l #	90
29) Tetrahydrofuran	5.14	42	389	0.316	ug/l #	34
31) Cyclohexane	5.64	56	4669	1.260	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	16376	5.437	ug/l #	52
38) Carbon Tetrachloride	5.64	117	20513	6.705	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	66575	24.946	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	66575	71.488	ug/l #	8
88) 1,4-Dichlorobenzene	12.09	146	930	0.275	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.64	180	659	0.322	ug/l	95
95) Naphthalene	13.84	128	2155	0.291	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	599	0.293	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 01:49:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
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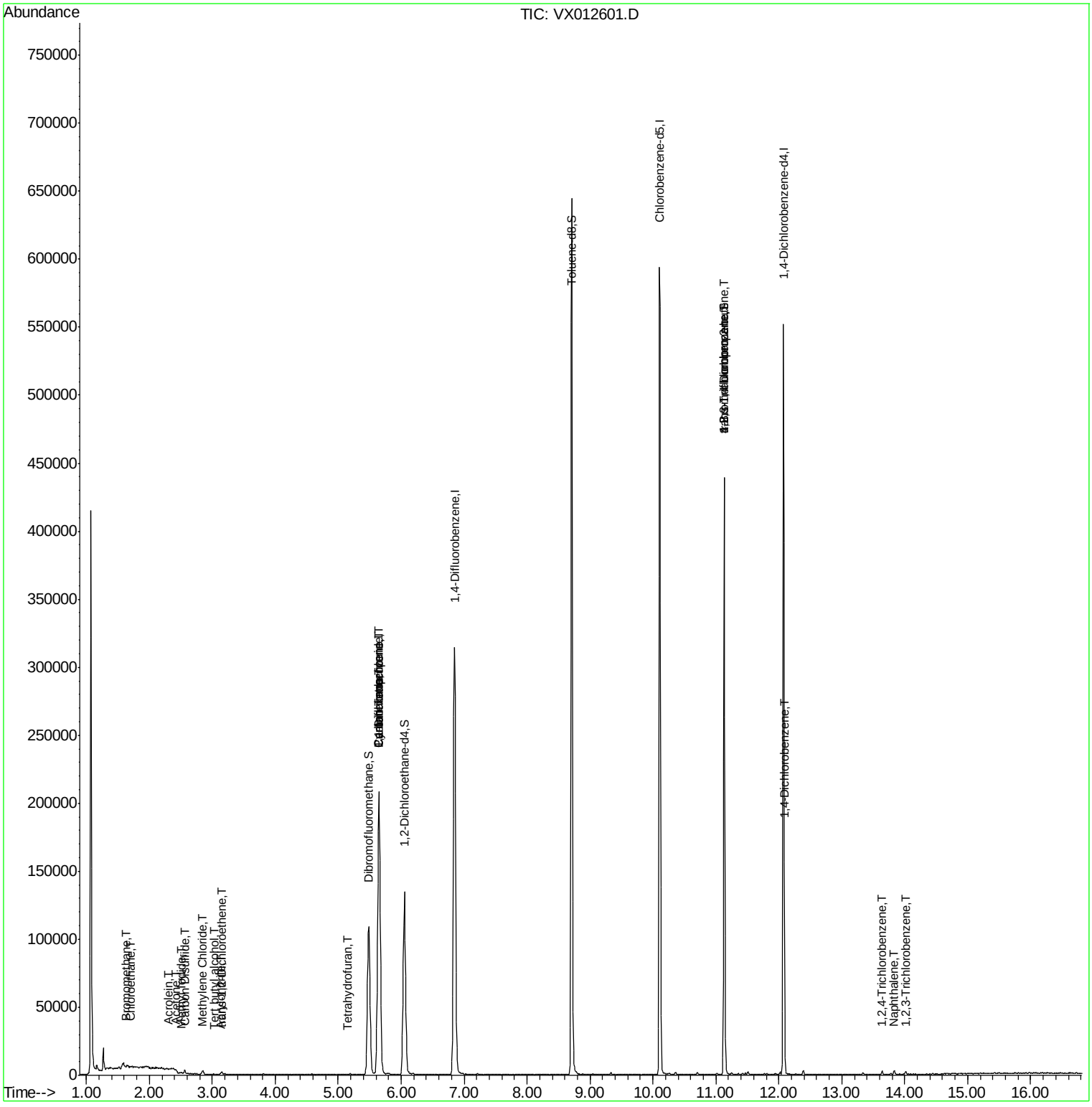
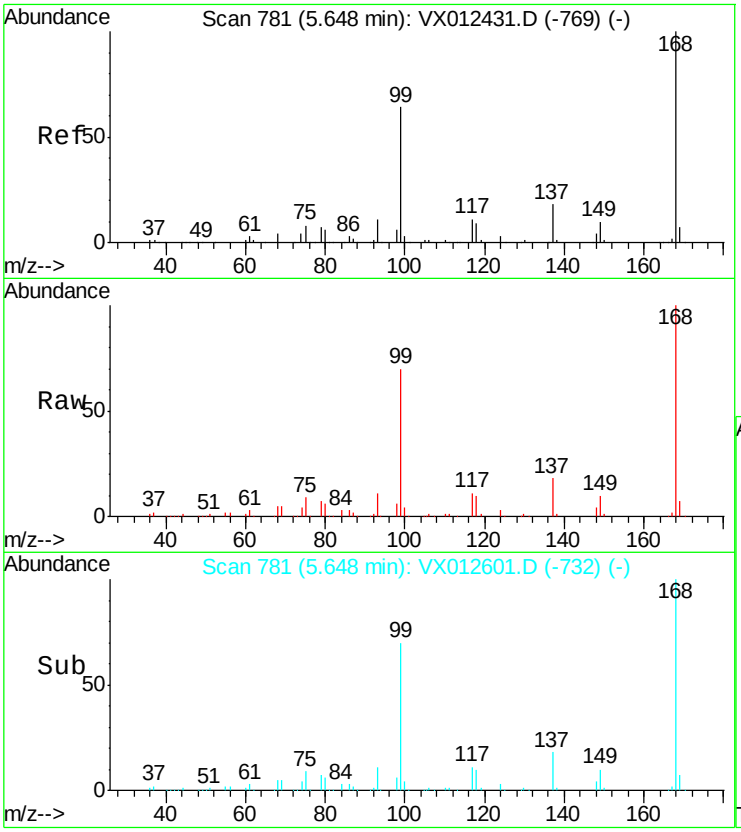


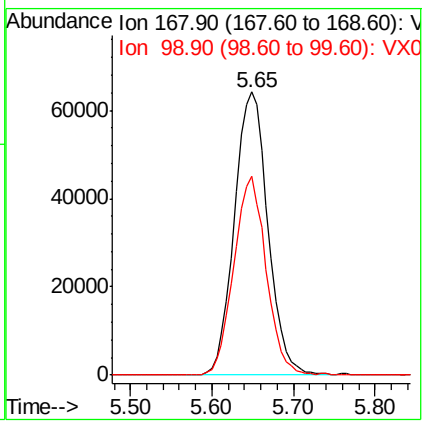


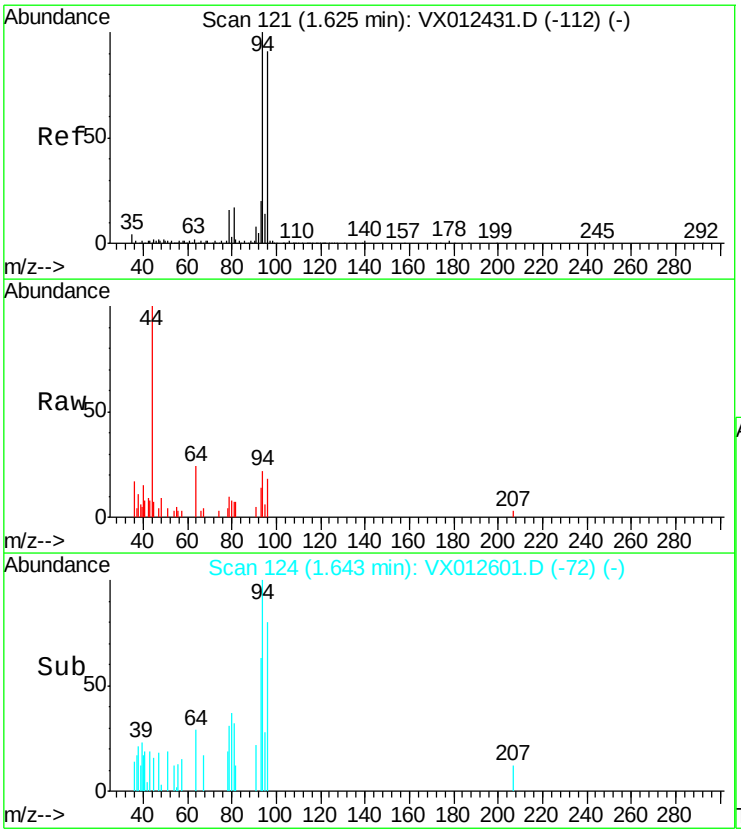
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion:168 Resp: 182798

Ion	Ratio	Lower	Upper
168	100		
99	70.2	51.4	77.2

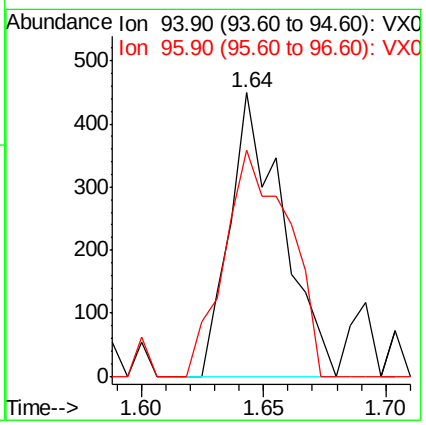


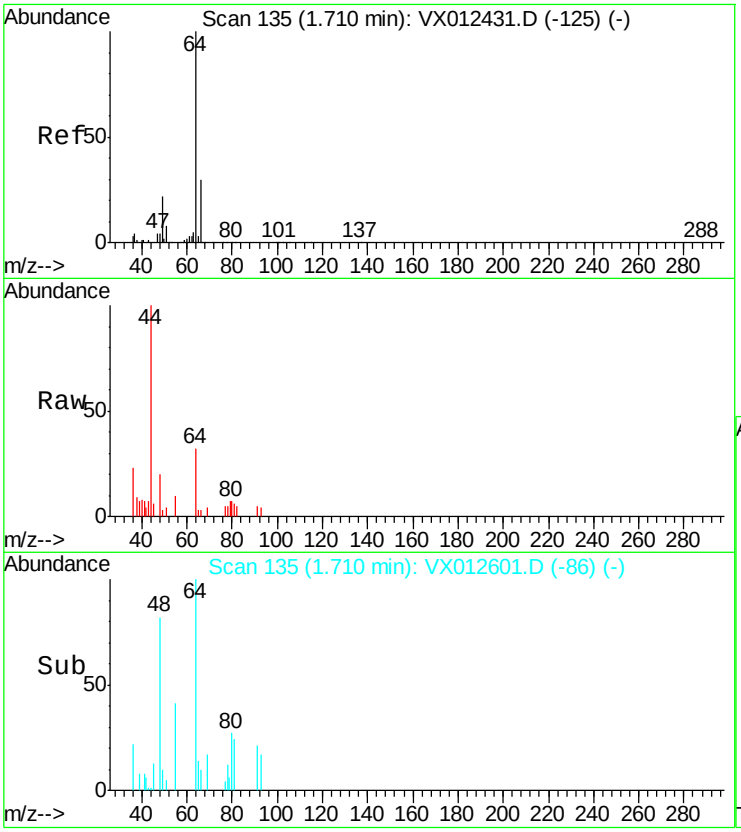


#5
Bromomethane
Concen: 0.726 ug/l
RT: 1.64 min Scan# 124
Delta R.T. 0.02 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 94 Resp: 670

Ion	Ratio	Lower	Upper
94	100		
96	80.0	72.8	109.2



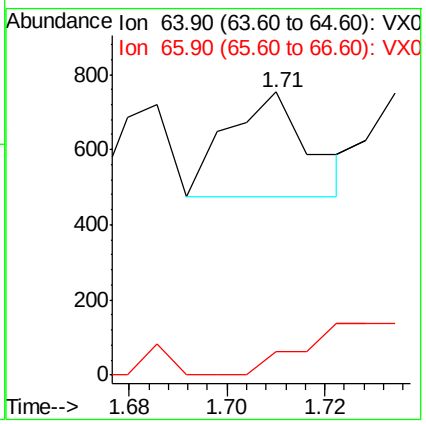


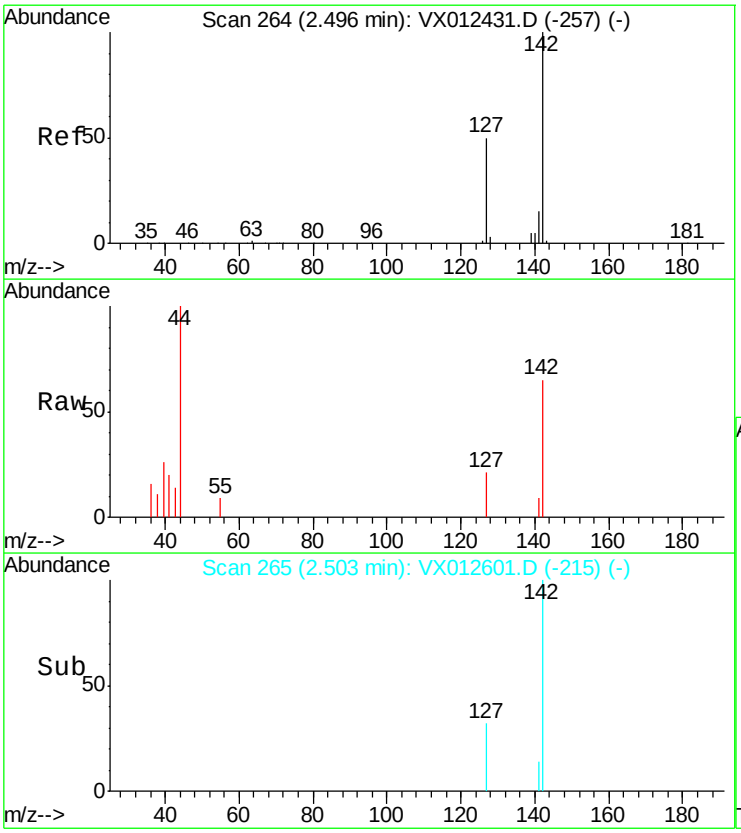
#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.71 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 64 Resp: 318

Ion	Ratio	Lower	Upper
64	100		
66	21.9	24.0	36.0#

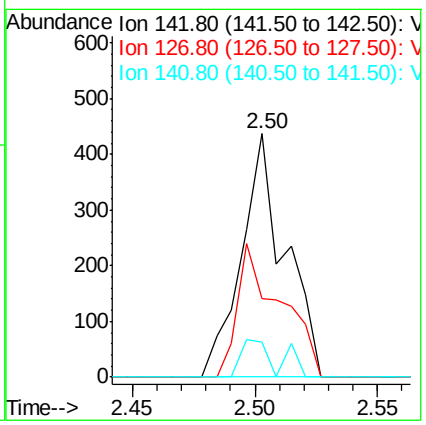


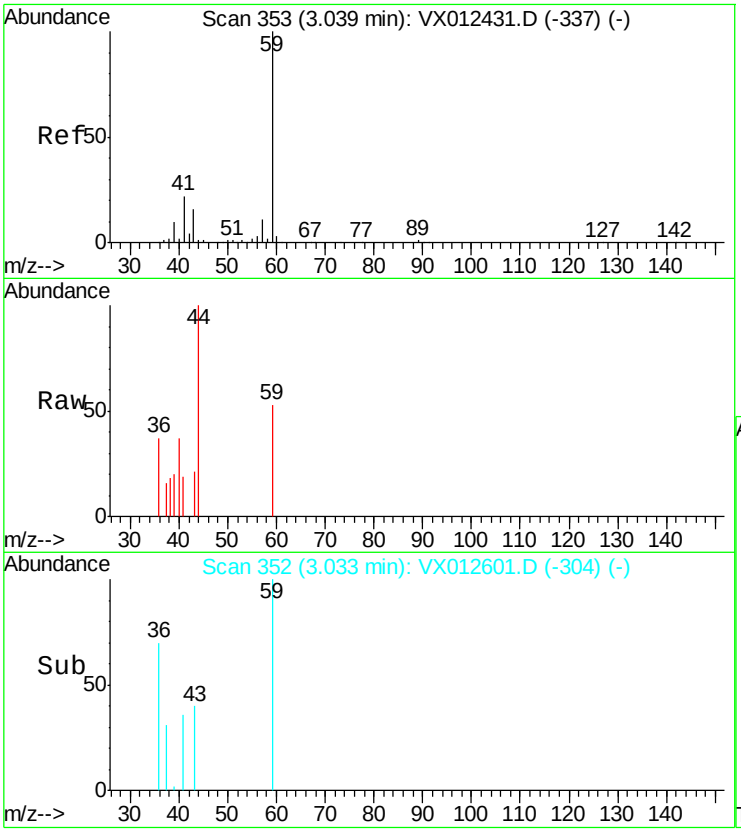


#10
Methyl Iodide
Concen: 5.184 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion:142 Resp: 543

Ion	Ratio	Lower	Upper
142	100		
127	54.0	40.8	61.2
141	12.9	12.1	18.1



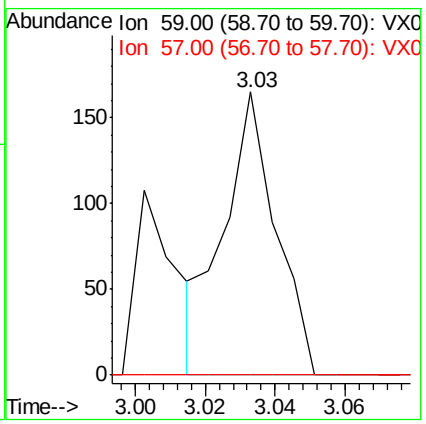


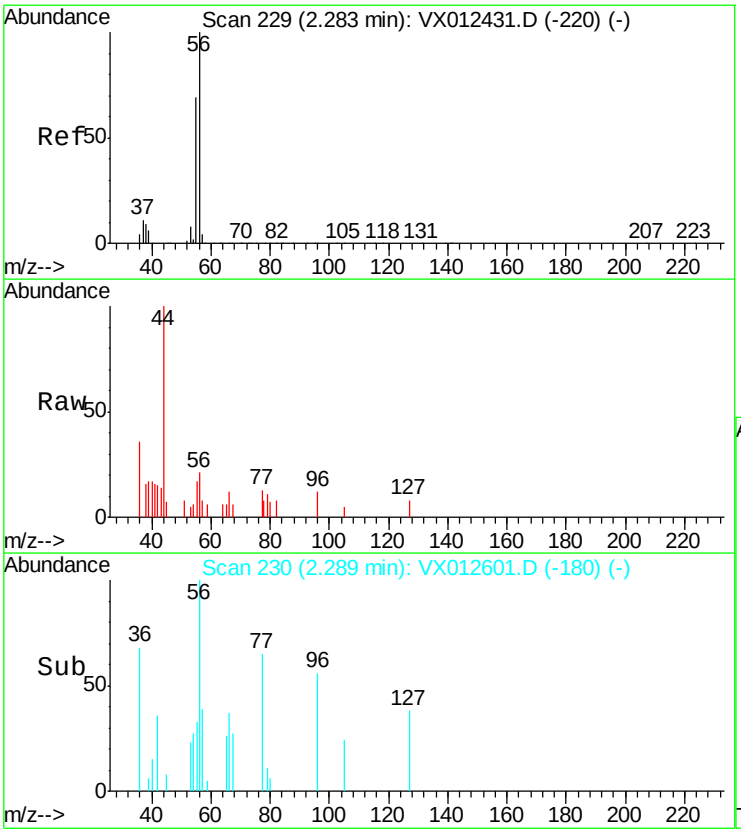
#11
Tert butyl alcohol
Concen: 0.254 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument : MSVOA_X
ClientSampleId : VX0923WBL01

Tgt Ion: 59 Resp: 169

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#

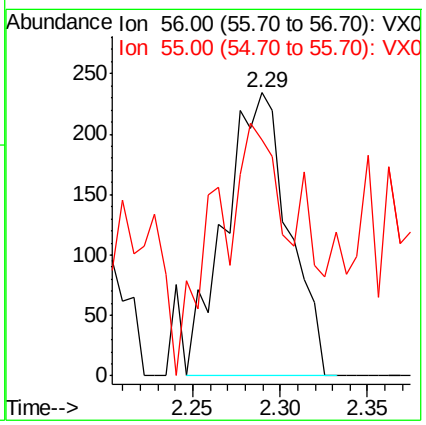


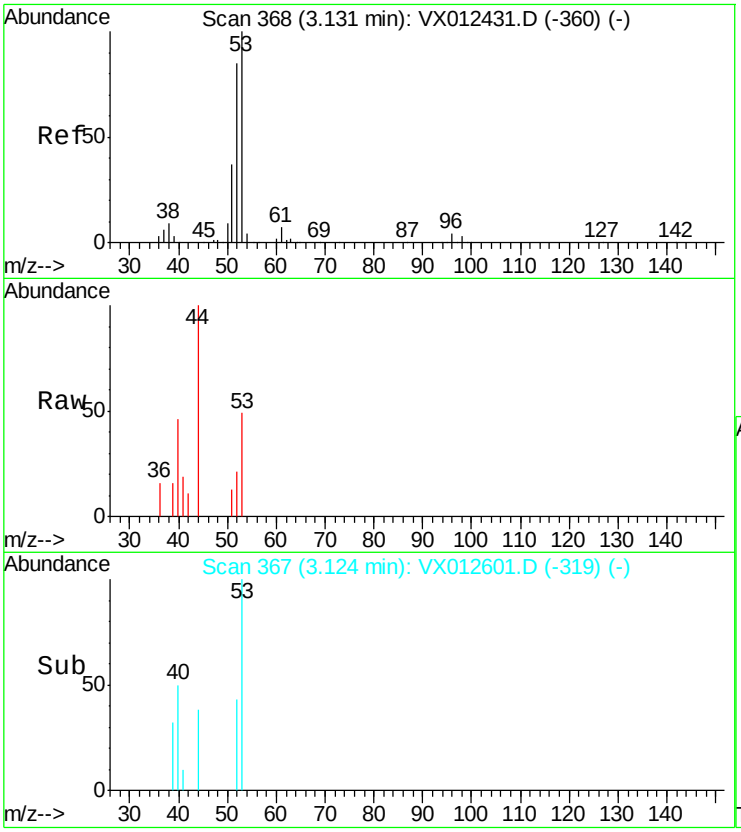


#13
Acrolein
Concen: 11.773 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 56 Resp: 595

Ion	Ratio	Lower	Upper
56	100		
55	26.9	55.8	83.8#



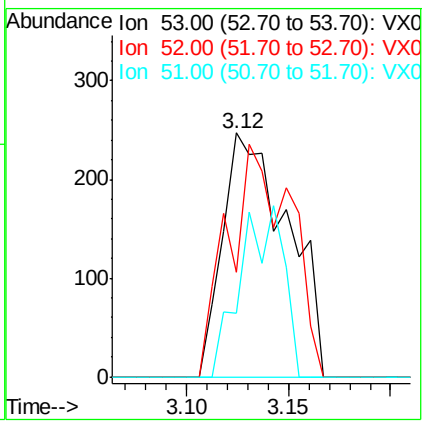


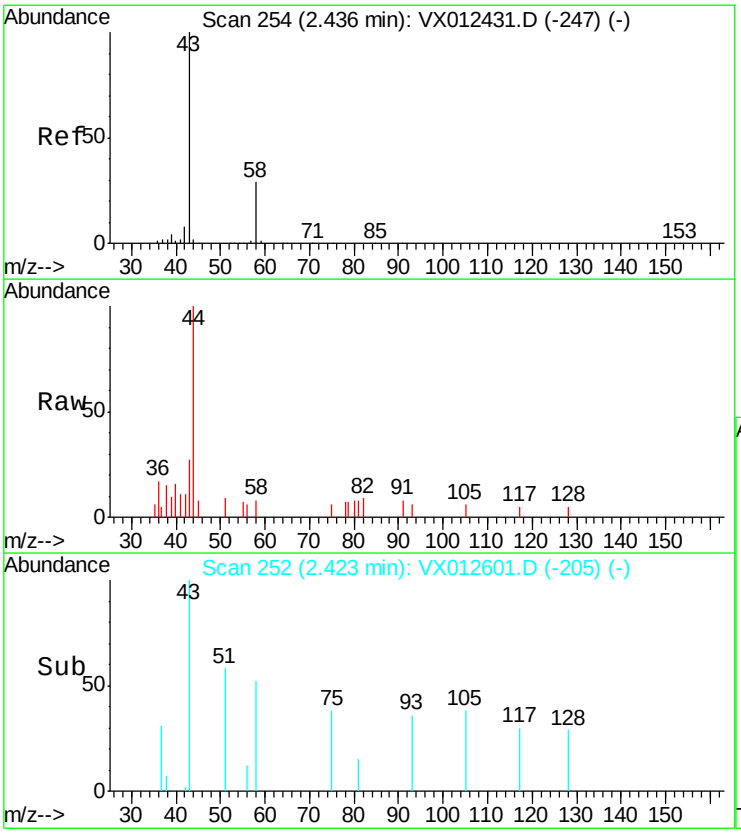
#15
Acrylonitrile
Concen: 0.406 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 53 Resp: 548

Ion	Ratio	Lower	Upper
53	100		
52	91.2	67.0	100.4
51	46.5	29.6	44.4#

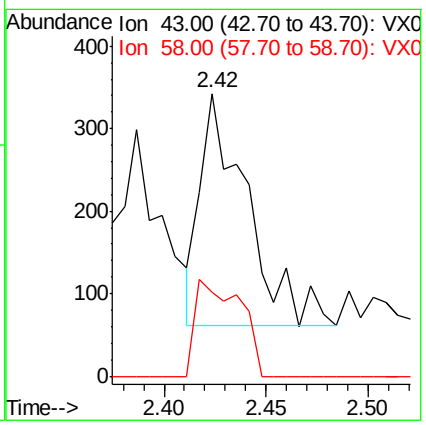


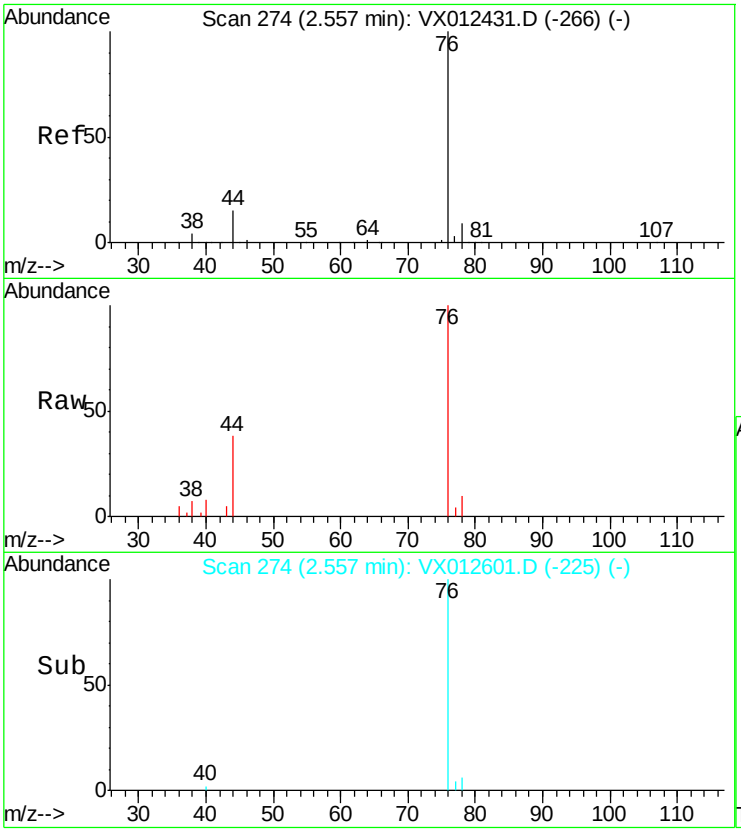


#16
Acetone
Concen: 0.315 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 43 Resp: 444

Ion	Ratio	Lower	Upper
43	100		
58	36.3	23.3	34.9#



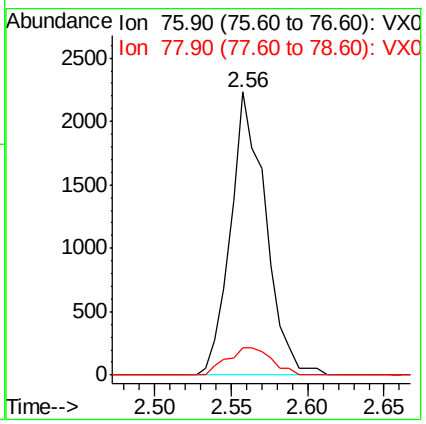


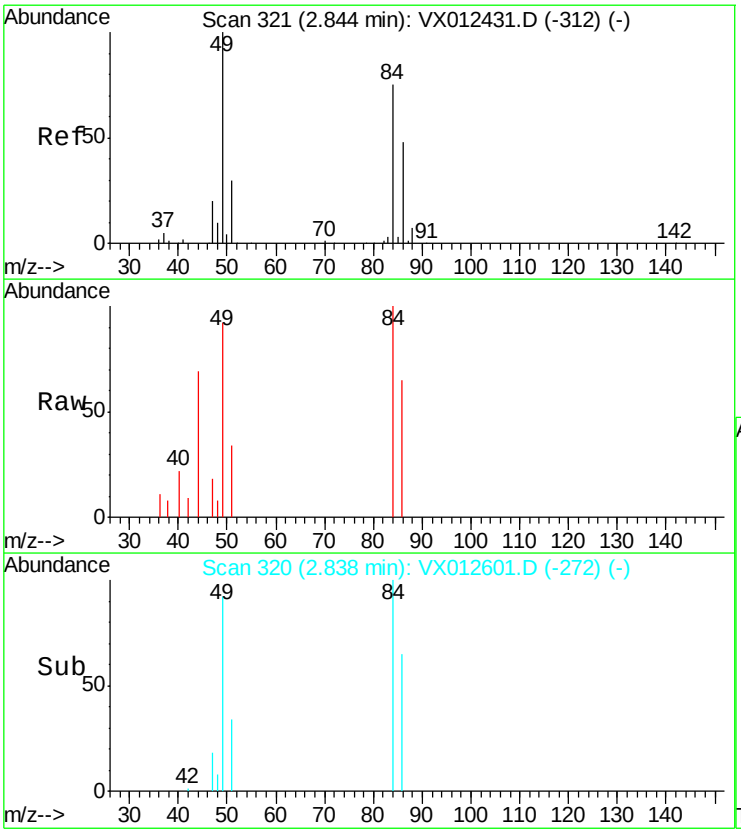
#17
Carbon Disulfide
Concen: 0.643 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 76 Resp: 3544

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.3	10.9

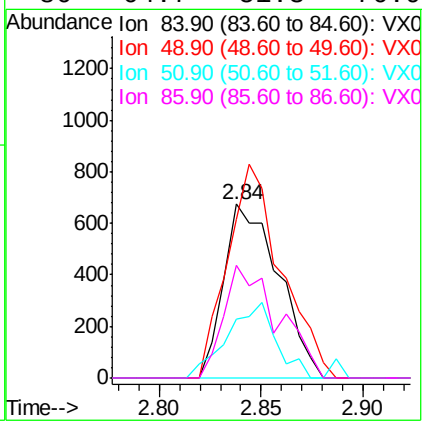


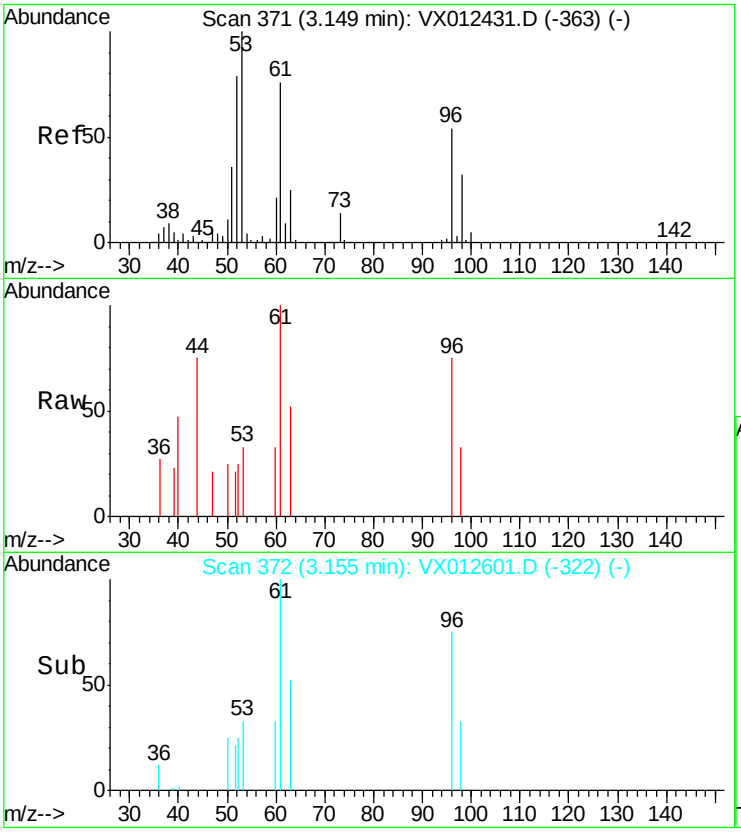


#20
Methylene Chloride
Concen: 0.526 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 84 Resp: 1254

Ion	Ratio	Lower	Upper
84	100		
49	91.7	106.8	160.2#
51	33.7	32.3	48.5
86	64.7	51.3	76.9



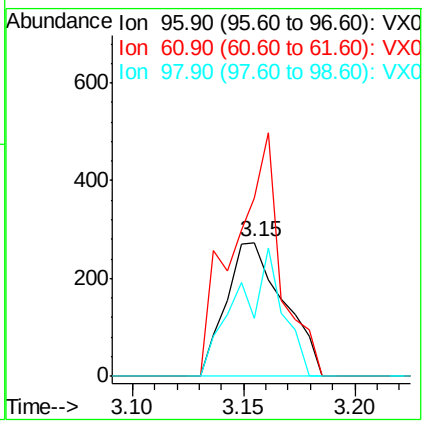


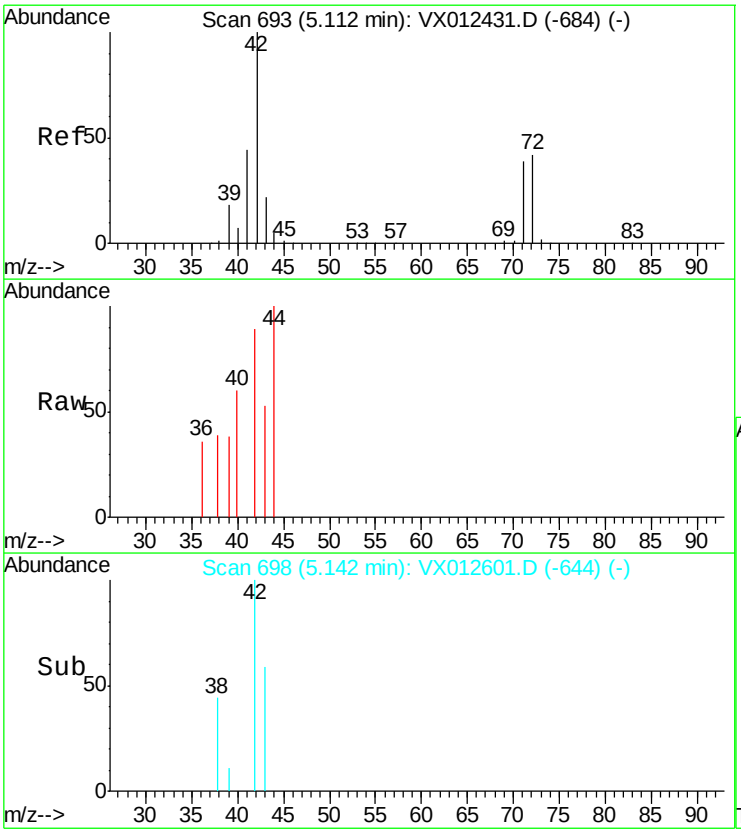
#21
trans-1,2-Dichloroethene
Concen: 0.226 ug/l
RT: 3.15 min Scan# 372
Delta R.T. 0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 96 Resp: 492

Ion	Ratio	Lower	Upper
96	100		
61	133.7	112.0	168.0
98	43.6	47.8	71.8#

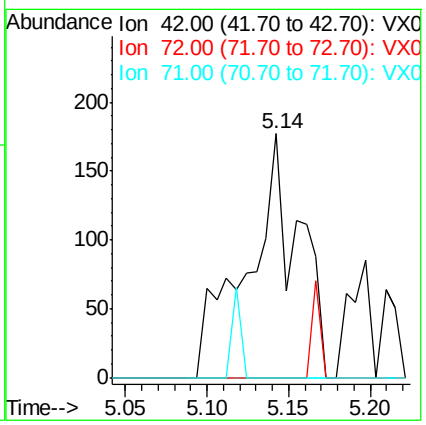


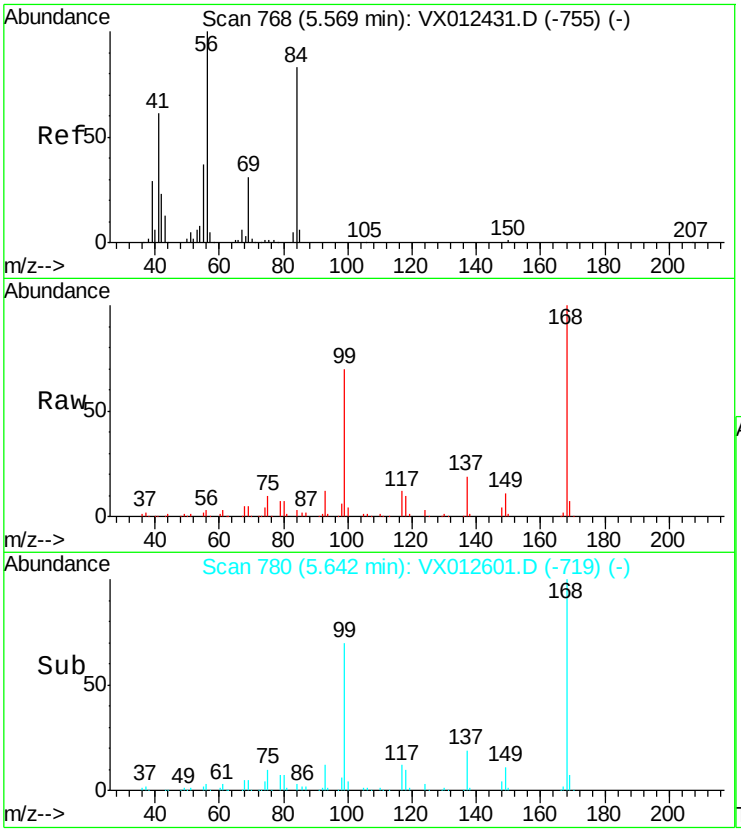


#29
Tetrahydrofuran
Concen: 0.316 ug/l
RT: 5.14 min Scan# 698
Delta R.T. 0.03 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 42 Resp: 389

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	31.5	47.3#



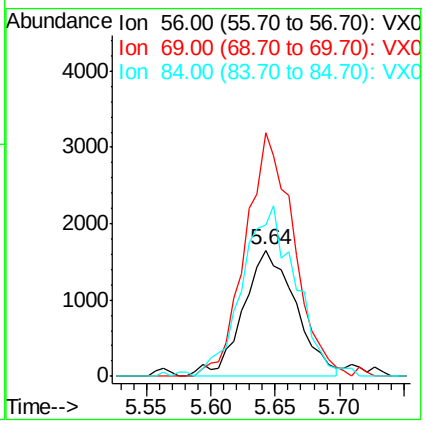


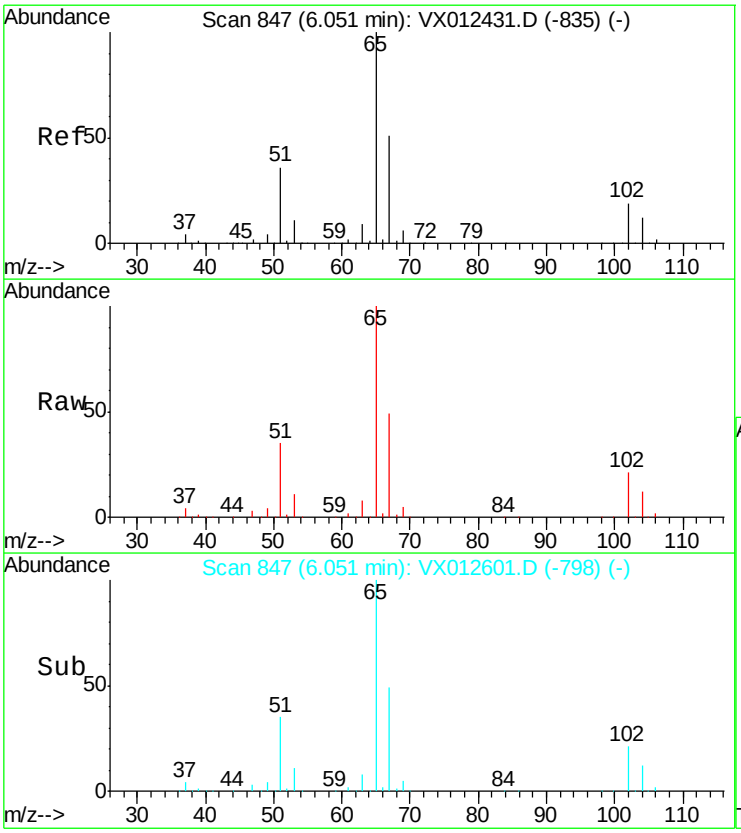
#31
Cyclohexane
Concen: 1.260 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 56 Resp: 4669

Ion	Ratio	Lower	Upper
56	100		
69	193.3	25.0	37.6#
84	116.9	66.4	99.6#

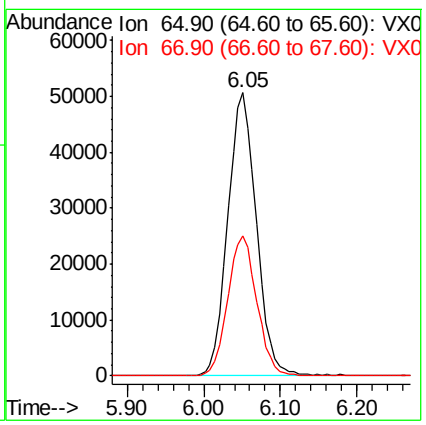


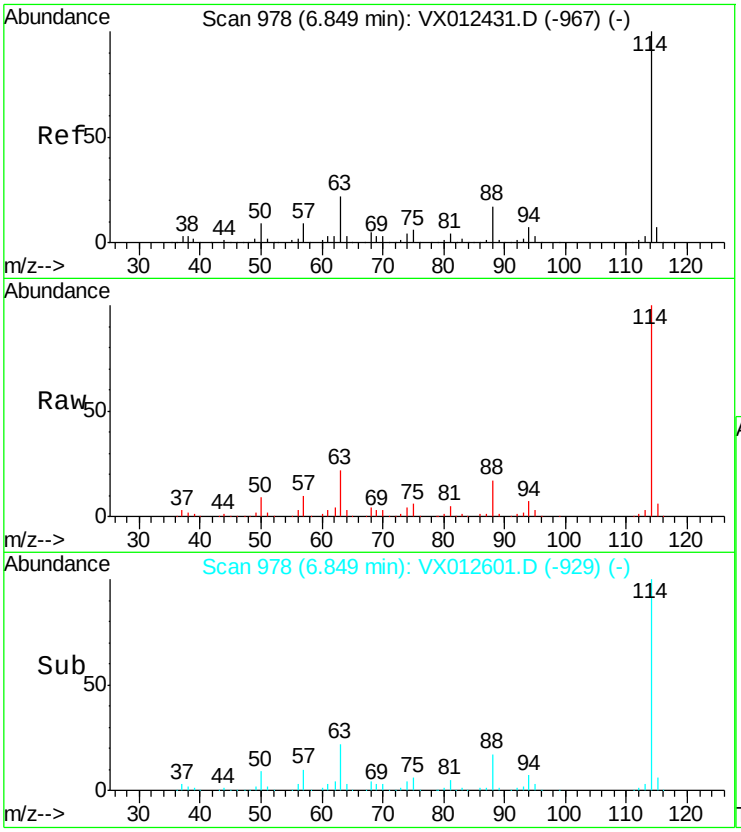


#33
1,2-Dichloroethane-d4
Concen: 49.192 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 65 Resp: 130943

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	101.2



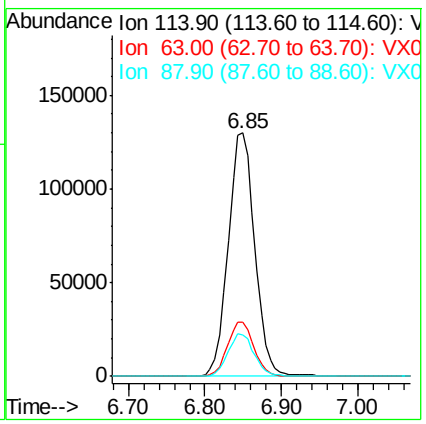


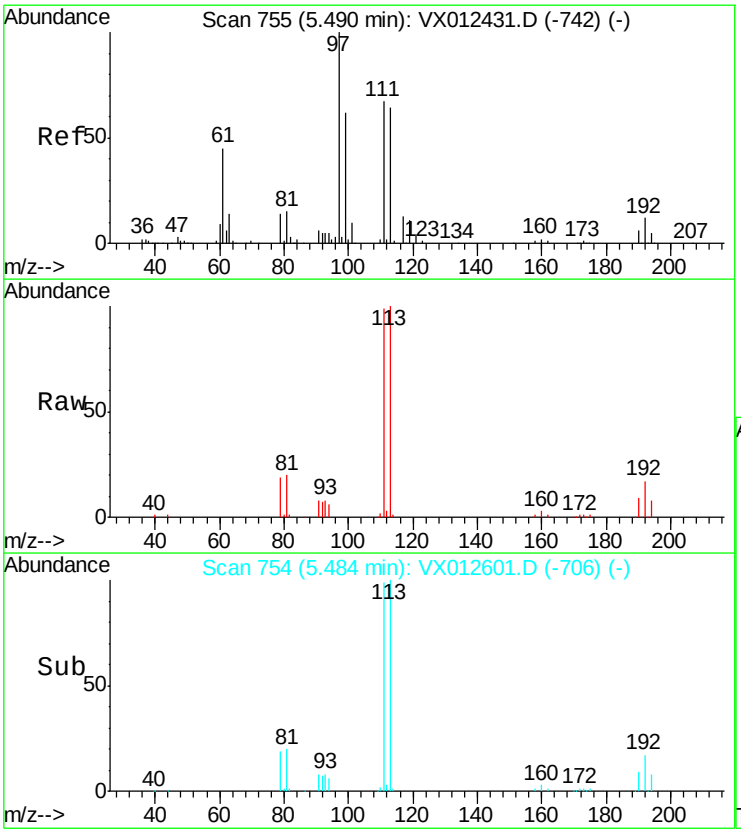
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion:114 Resp: 312461

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.2
88	17.0	0.0	33.2

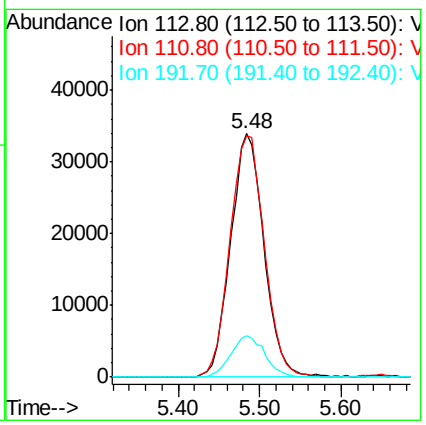


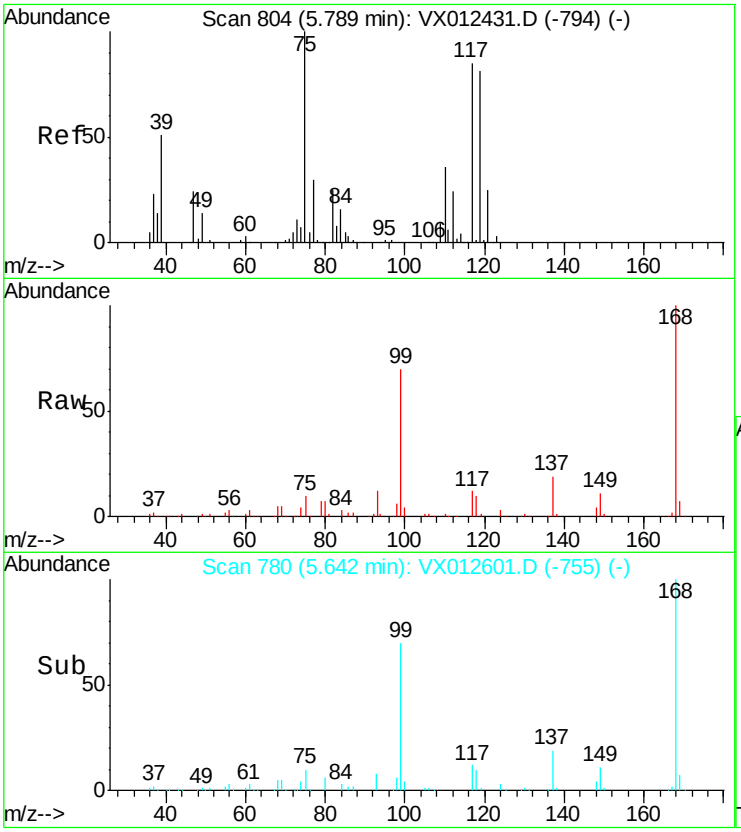


#35
Dibromofluoromethane
Concen: 51.485 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion:113 Resp: 95805

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	17.3	14.4	21.6



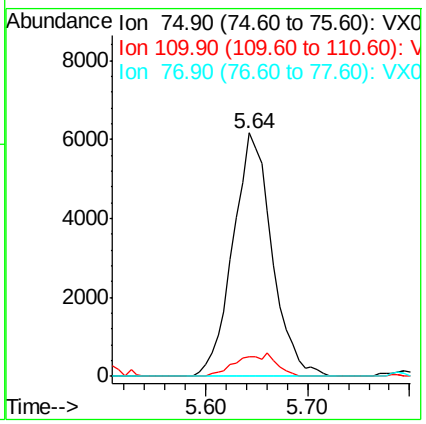


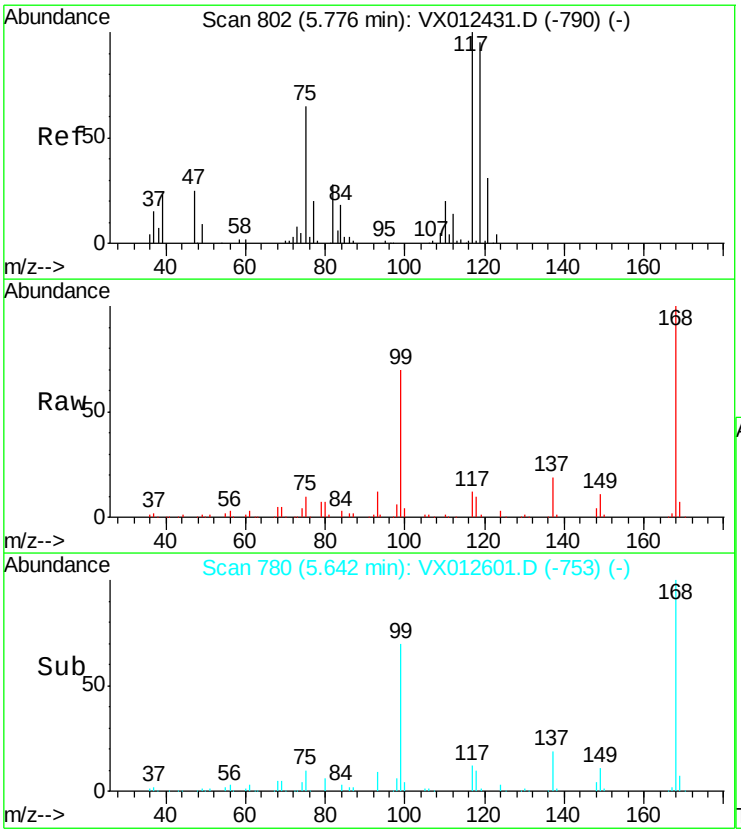
#36
1,1-Dichloropropene
Concen: 5.437 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.15 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 75 Resp: 16376

Ion	Ratio	Lower	Upper
75	100		
110	9.8	16.7	50.0#
77	0.0	24.2	36.2#

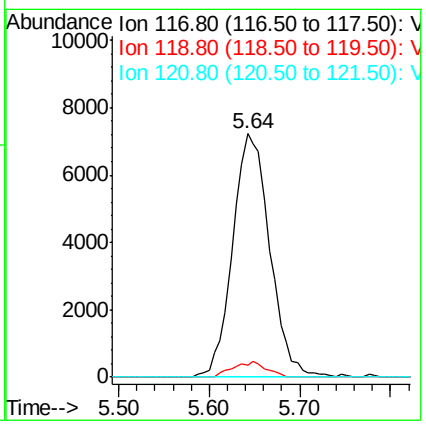


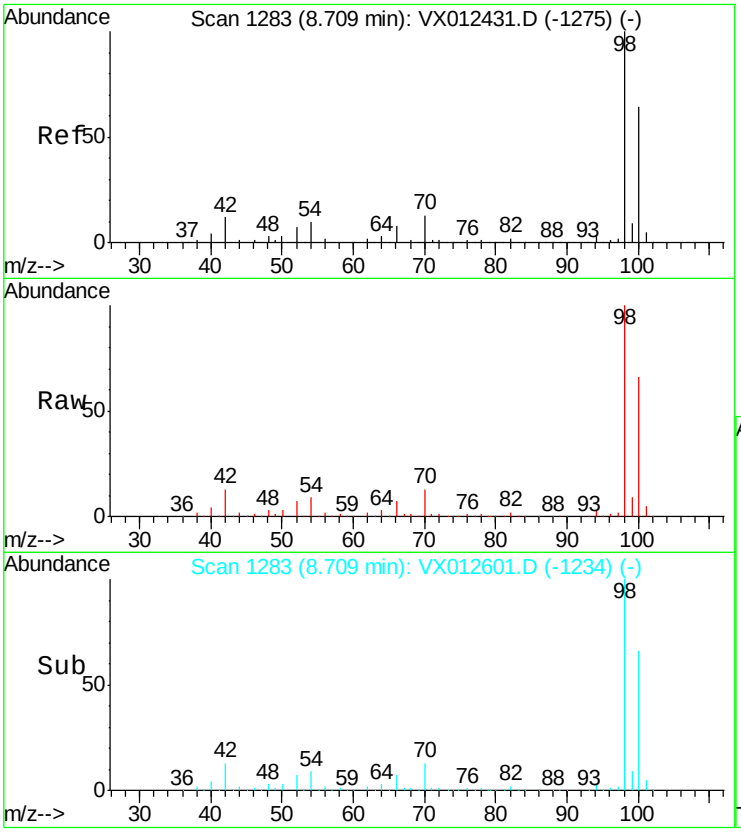


#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 5.64 min Scan# 780
Delta R.T. -0.13 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion:117 Resp: 20513

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.7	113.5#
121	0.0	24.2	36.4#



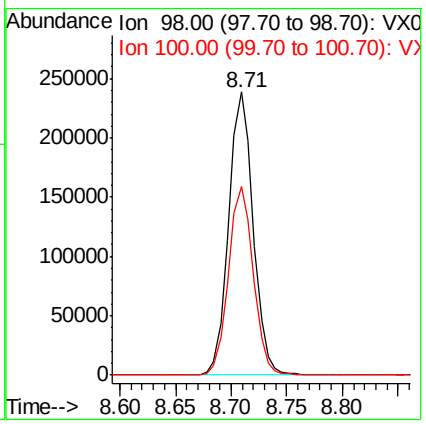


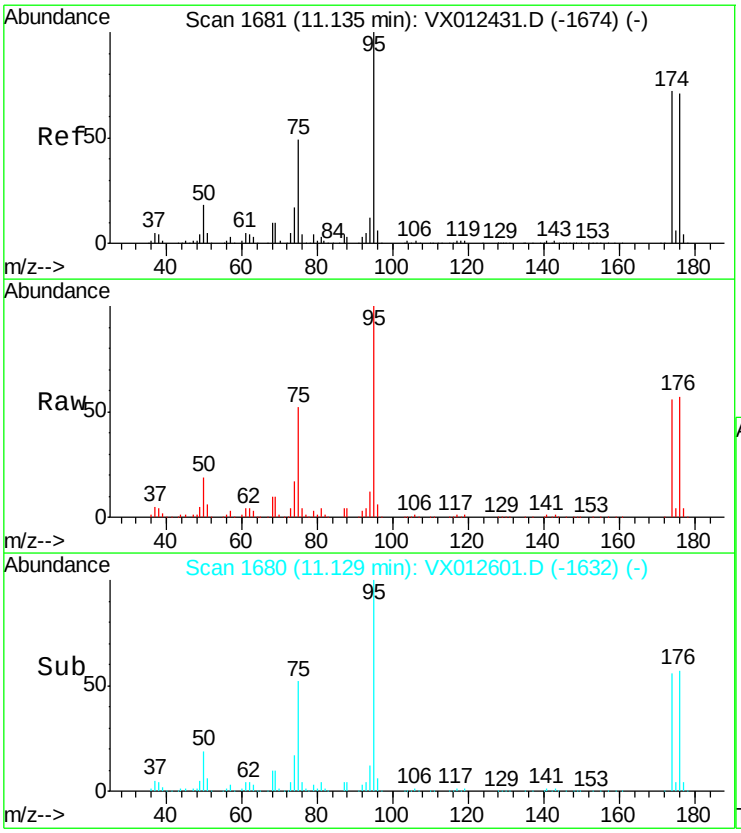
#50
Toluene-d8
Concen: 50.787 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 98 Resp: 363950

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.4	80.2

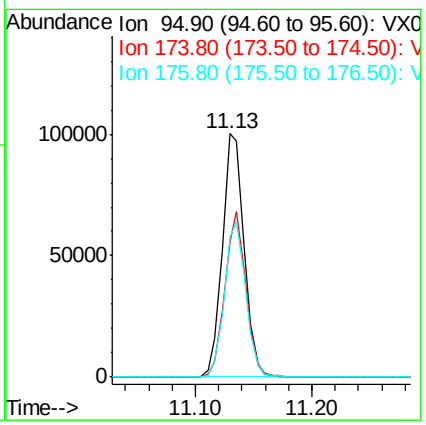


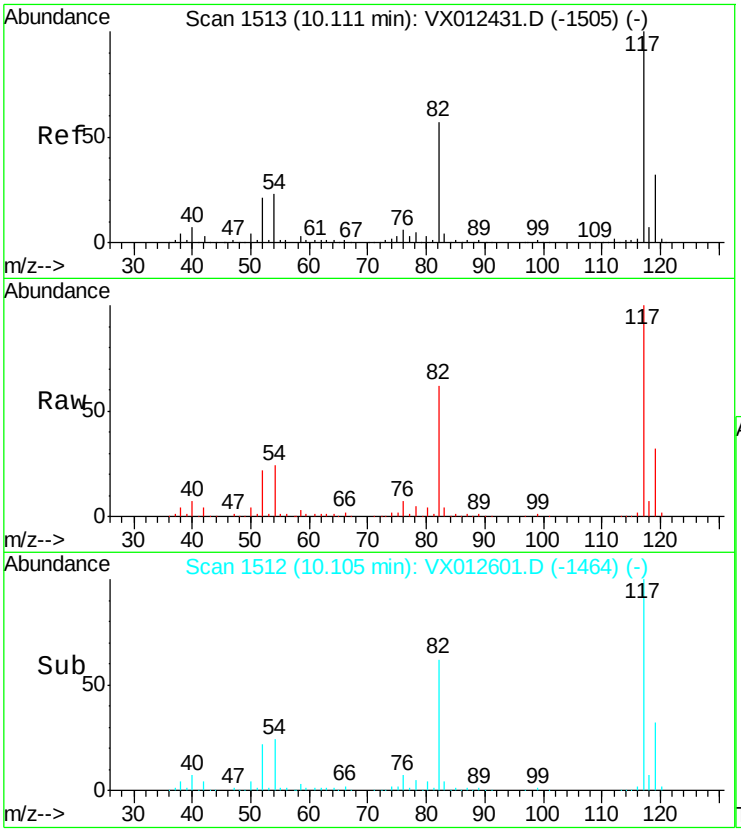


#62
4-Bromofluorobenzene
Concen: 45.741 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 95 Resp: 128887

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	140.0
176	63.1	0.0	135.4



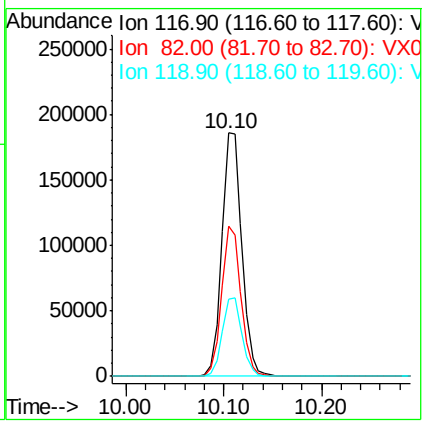


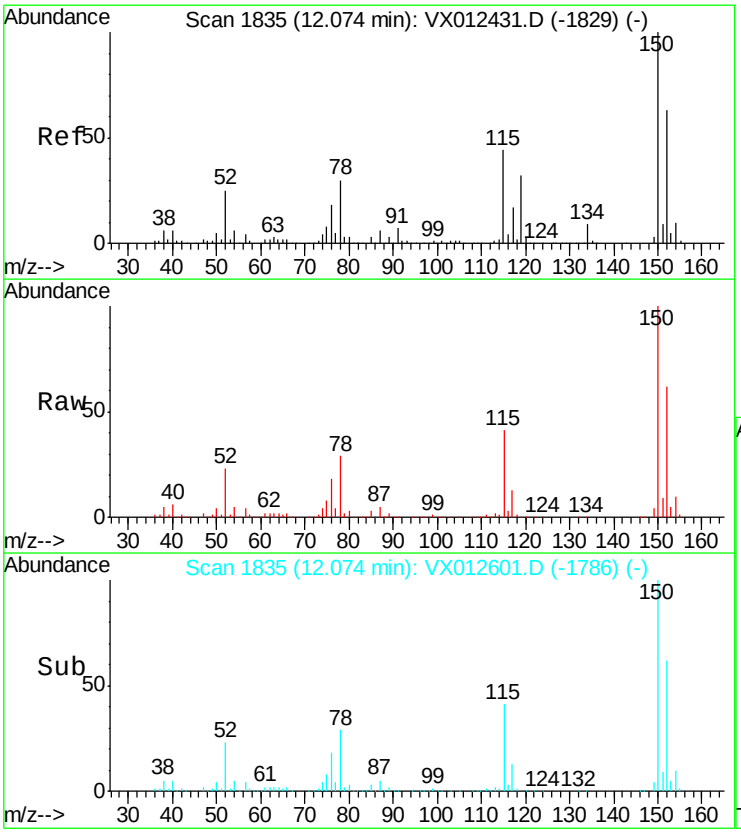
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument : MSVOA_X
ClientSampleId : VX0923WBL01

Tgt Ion:117 Resp: 263461

Ion	Ratio	Lower	Upper
117	100		
82	61.7	45.9	68.9
119	31.8	25.3	37.9

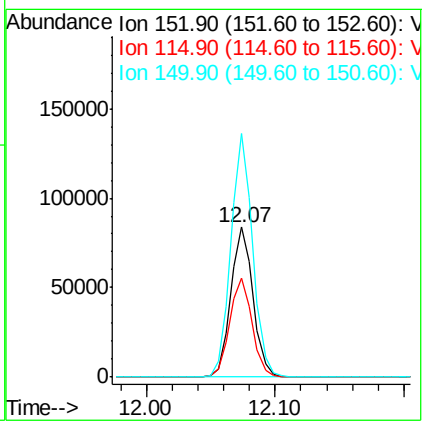


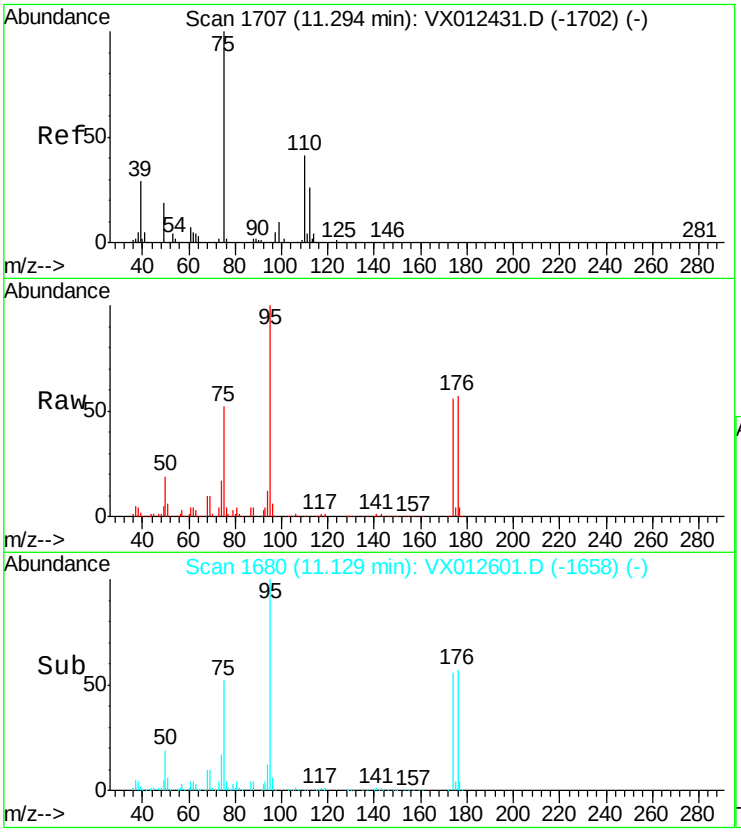


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion:152 Resp: 100891

Ion	Ratio	Lower	Upper
152	100		
115	66.8	44.1	132.3
150	159.1	0.0	343.8



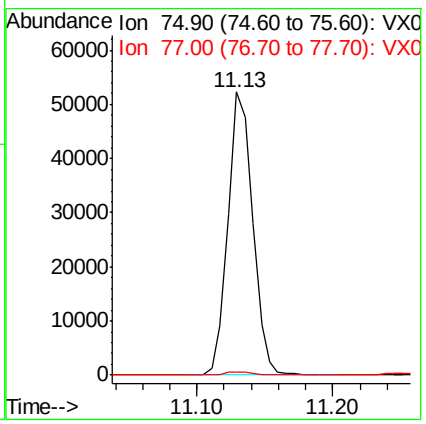


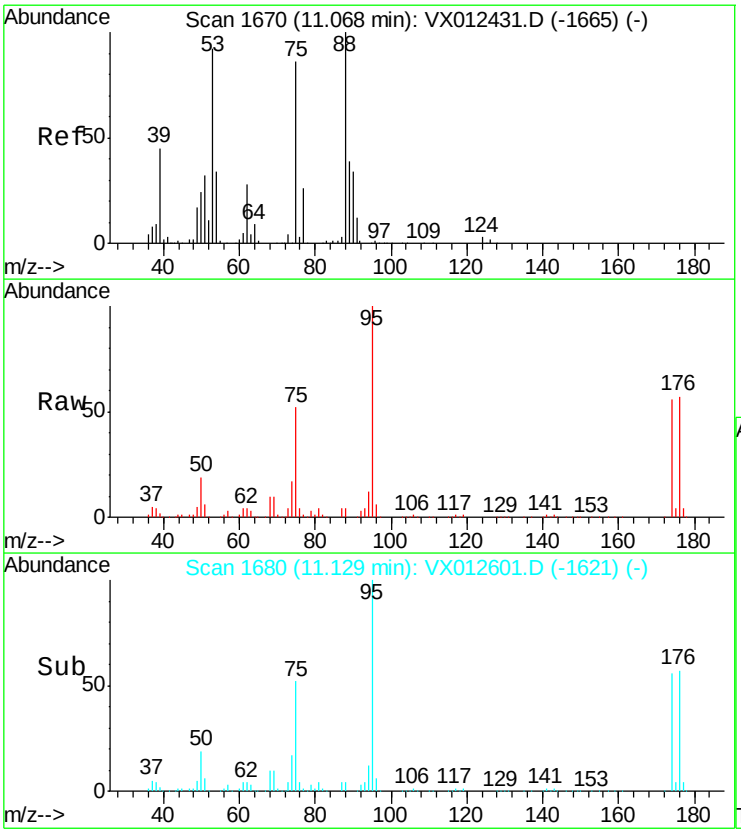
#76
1,2,3-Trichloropropane
Concen: 24.946 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion: 75 Resp: 66575

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.7	59.0#

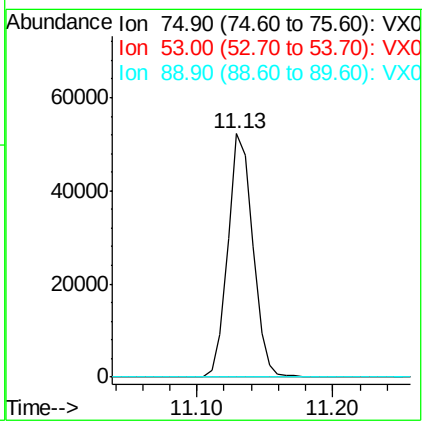


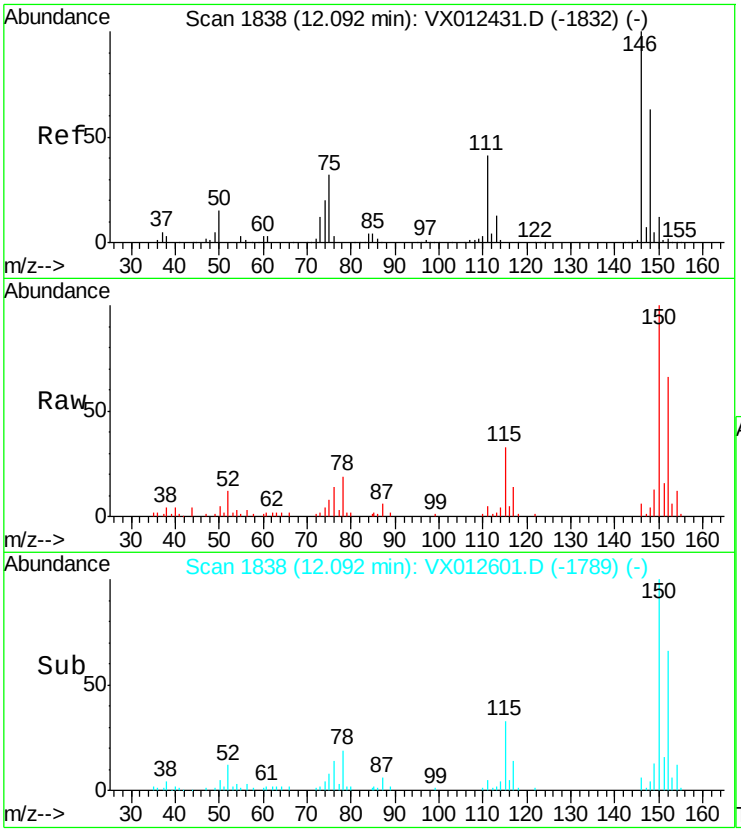


#81
trans-1,4-Dichloro-2-butene
Concen: 71.488 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion: 75 Resp: 66575

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.6	125.4#
89	0.0	36.3	54.5#



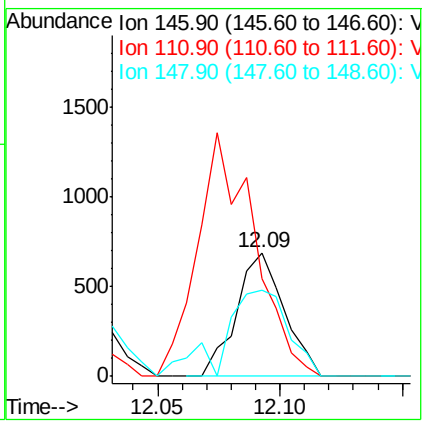


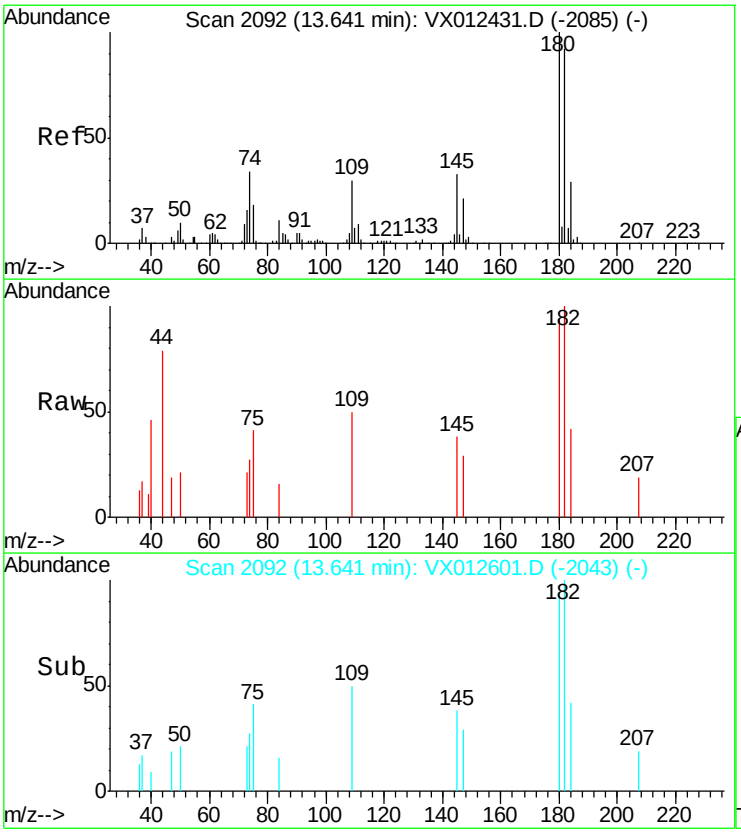
#88
1,4-Dichlorobenzene
Concen: 0.275 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion:146 Resp: 930

Ion	Ratio	Lower	Upper
146	100		
111	234.0	21.1	63.3#
148	94.6	32.1	96.5

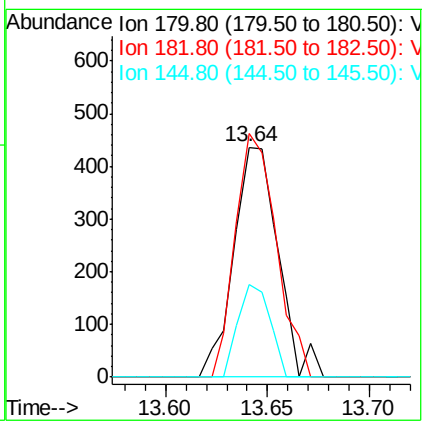


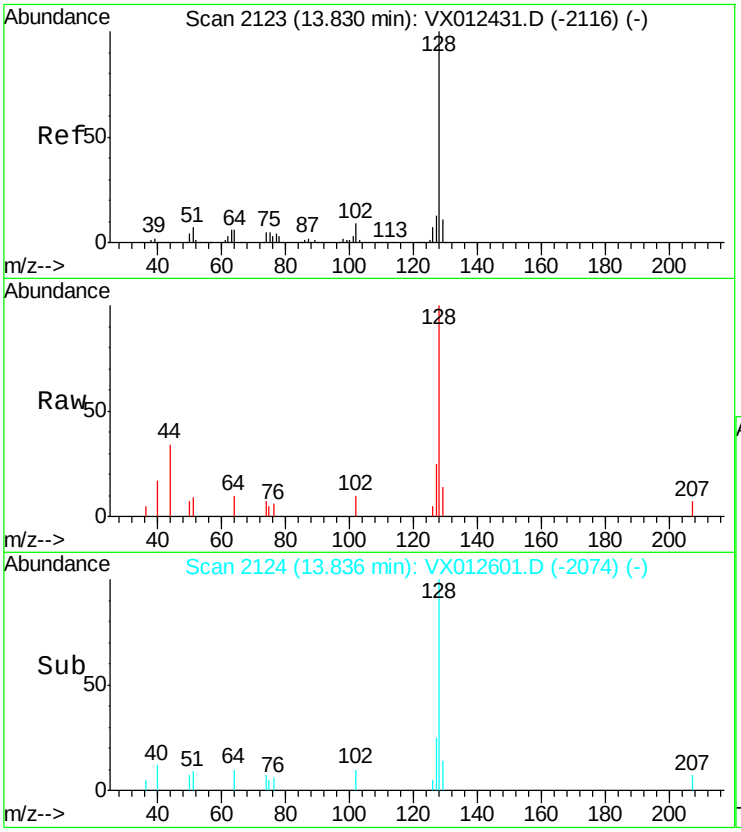


#93
1,2,4-Trichlorobenzene
Concen: 0.322 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion:180 Resp: 659

Ion	Ratio	Lower	Upper
180	100		
182	97.9	47.0	141.0
145	29.1	16.8	50.4



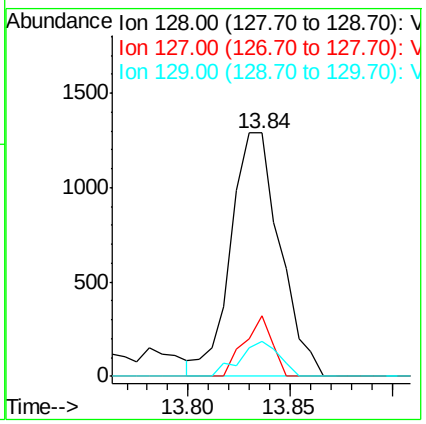


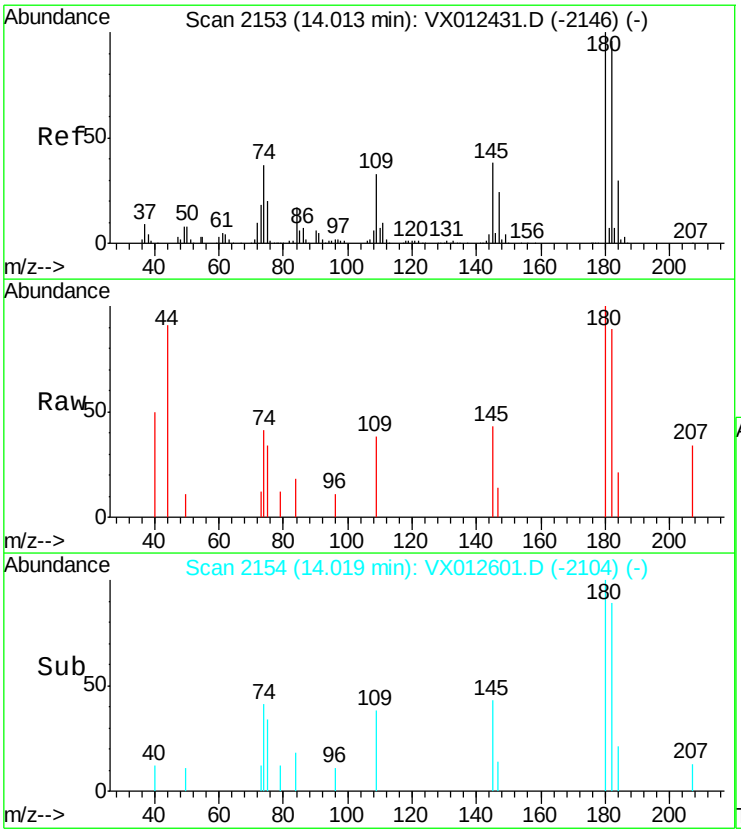
#95
Naphthalene
Concen: 0.291 ug/l
RT: 13.84 min Scan# 2124
Delta R.T. 0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tgt Ion:128 Resp: 2155

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.2	15.4
129	11.3	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.293 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012601.D
Acq: 23 Sep 2019 13:37

Tgt Ion:180 Resp: 599

Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.1	141.3
145	35.7	18.0	54.0